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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/06120

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07H19/213 A61K31/7076

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07H A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, INSPEC, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; & Heterocycles (1982), 17(Spec.Issue), 285-8, UESUGI, SEIICHI ET AL: "Carbon -13 NMR spectrum of 2'-fluoro-2'-deoxyadenosine 3',5'-cyclic phosphate" Database accession no. 96:143250 XP002256152 abstract --- -/--	1-21



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

30 September 2003

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PCT/EP 03/06120

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; IWASAKI, TOSHIRO ET AL: "Skin cosmetics" retrieved from STN Database accession no. 128:53046 CA XP002256154 abstract & JP 09 295915 A (KIKKOMAN CORP., JAPAN) 18 November 1997 (1997-11-18)</p> <p>---</p>	<p>1-21</p>
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X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; IMAI, JUNKO ET AL: "Preparation of N6,N6,2'-O-trisubstituted-adenosine-3',5'- cyclic phosphate as drugs." retrieved from STN Database accession no. 114:143938 CA XP002256156 abstract & JP 02 258797 A (KIKKOMAN CORP., JAPAN) 19 October 1990 (1990-10-19)</p> <p>---</p>	<p>1-21, 31-39, 43-54, 63,64</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; IMAI, JUNKO ET AL: "N6,2'-O-Di-substituted-adenosine-3',5'-cy clic phosphates and their preparation" retrieved from STN Database accession no. 114:102710 CA XP002256157 abstract & JP 02 233692 A (KIKKOMAN CORP., JAPAN) 17 September 1990 (1990-09-17)</p>	<p>1-21, 31-39, 43-54, 63,64</p>
A	<p>BROEDERS, NIEK L. H. L. ET AL: "A phosphorus-31 NMR stereochemical and kinetic study of the alkaline hydrolysis of cis-nucleoside 3',5'-cyclic aryl '180!monophosphates and unlabeled analogs" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (1992), 114(24), 9624-33 , XP002256151 * compounds 3c and 4c *</p>	<p>1</p>
A	<p>DE ROOIJ J ET AL: "EPAC is a Rap1 guanine-nucleotide-exchange factor directly activated by cyclic AMP" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 396, no. 6710, 3 December 1998 (1998-12-03), pages 474-477, XP002097989 ISSN: 0028-0836 cited in the application the whole document</p>	<p>1-65</p>
A	<p>ICHIBA T ET AL: "Characterization of GFR, a novel guanine nucleotide exchange factor for Rap1" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 457, no. 1, 20 August 1999 (1999-08-20), pages 85-89, XP004260127 ISSN: 0014-5793 abstract</p>	<p>1-65</p>

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International Application No

PCT/EP 03/06120

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MCPHEE I ET AL: "Use of an activation-specific probe to show that Rap1A and Rap1B display different sensitivities to activation by forskolin in Rat1 cells"</p> <p>FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 477, no. 3, 21 July 2000 (2000-07-21), pages 213-218, XP004337379</p> <p>ISSN: 0014-5793</p> <p>abstract</p> <p>-----</p>	1-65

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/06120

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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